

Application No. 10/677,694
Docket No. IB-8 (A4-1770)
Amendment dated June 6, 2007
Reply to Office Action of February 8, 2007

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Amendments to the Specification:

Please replace the new paragraph that was previously inserted after line 6 on page 5 by Applicants' amendment dated February 2, 2006, with the following amended paragraph:

Figures 6, 7, and 8 are block diagrams of different embodiments of ~~Figure 6 is a block diagram of a~~ closed-loop pacing/ICD tuning systems ~~system~~ incorporating the magnetic telemetry-based physiologic monitoring system of the present invention.

Please replace the first full paragraph on page 11 that was previously amended by Applicants' amendment dated February 2, 2006, with the following amended paragraph:

The system may be implemented as a closed-loop pacing/ICD (Implantable Cardioverter Defibrillator) tuning system as represented in Figures 6, 7, and 8, ~~Figure 6~~, in which sensor data is fed to a patient pacemaker of a pacing/ICD unit 106 for tailoring of

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pacing/ICD function. As shown in Figure 6, the ~~The~~ implanted sensor device 101/201 may be directly interrogated by the pacing/ICD unit 106 (i.e. without requiring the intermediate external reader 104/202). As also shown in Figure 6, the implanted sensor device 101/201 ~~It~~ may also be interrogated by the pacing/ICD unit 106, but with an additional, external power unit 107 solely for transmitting power to the sensor device 101/201. Alternatively, as shown in Figure 7 the sensor data may first be transmitted to an external reader 104/202 and then re-transmitted to the pacing/ICD unit 106. Finally, as shown in Figure 8 the system may be configured such that both an external reader 104/202 and the pacing/ICD unit 106 may interrogate and/or power the sensor device 101/201.